AMENDMENTS TO THE CLAIMS

Claims 1-7, 10-15, 17-19, 21, 23-28, 31-40 47-48, 50-51, 53-58, 60, 63-65, 67 and 68 are pending.

Please cancel claim 38, without prejudice.

Please add or amend the claims to read as follows:

1. (Currently Amended) A system for monitoring a site in vivo, the system comprising:

a single housing configured for being immobilized in vivo, the housing including at least:

a structure to immobilize the housing in-vivo;

an optical dome; and

an imaging device, said imaging device connected to said housing; and

a transmitter.

2. (Previously presented) The system according to claim 53 further comprising a processing unit for processing data obtained from the imaging device.

3. (Previously presented) The system according to claim 53 further comprising a processing unit for processing data obtained from the imaging device and for controlling the imaging device in accordance with the data obtained from the imaging device.

4. (Previously presented) The system according to claim 53 wherein the receiving system comprises a display for displaying the transmitted data.

5. (Original) The system according to claim 1 further comprising an internal power source.

6. (Previously presented) The system according to claim 1 comprising a battery.

7. (Previously presented) The system according to claim 1 comprising a sensing device selected from the group consisting of: a pH meter, a thermometer, or a sensor of electrical conductivity of tissues.

8. (Cancelled)

9. (Cancelled)

10. (Previously presented) The system according to claim 1 wherein the imaging device comprises a detector that is capable of being optically changed in response to changes in environmental conditions.

11. (Original) The system according to claim 1 wherein the transmitter is a wireless transmitter.

12. (Original) The system according to claim 1 wherein the housing is configured for being sewn to an in vivo site.

13. (Original) The system according to claim 1 wherein the housing comprises at least one ring on the perimeter of the housing for threading a suture there through.

14. (Original) The system according to claim 1 wherein the housing comprises an indentation around the perimeter of the housing, said indentation configured for receiving a suture.

15. (Original) The system according to claim 1 wherein the housing comprises a niche configured for receiving means for anchoring the housing to a body tissue.

16. (Cancelled)

17. (Original) The system according to claim 1 wherein the housing comprises means for anchoring the housing to a body tissue.

18. (Previously presented) The system according to claim 17 wherein the means for anchoring the housing to a body tissue are selected from the group consisting of: pins, clasps, thread, fasteners and suction means.

19. (Currently amended) A system for post surgery monitoring comprising:

a housing; and

a structure to [[configured for being immobilized]] immobilize the housing in the vicinity of a surgery site in vivo;

at least one imaging device, the imaging device including at least a housing and an optical sphere, said imaging device connected to said housing; and

a transmitter.

20. (Cancelled)

21. (Original) The system according to claim 1 for monitoring a site in the GI tract.

22. (Cancelled)

23. (Currently amended) An immobilizable in vivo imaging device comprising:

a housing configured for being immobilized in vivo, the housing including at least an optical sphere; and

an in vivo sensor.

24. (Previously presented) The device according to claim 23 further comprising a processing unit for processing data obtained from the in vivo sensor.

25. (Currently amended) The device according to claim 23 further comprising a processing unit for processing data obtained from the in vivo [[imaging device]] sensor and for controlling the in-vivo imaging device in accordance with the data obtained from the in vivo [[imaging device]] sensor.

26. (Original) The device according to claim 23 further comprising an internal power source.

27. (Previously presented) The device according to claim 23 comprising a battery.

28. (Previously presented) The device according to claim 23 comprising a sensing device selected from the group consisting of: a pH meter, a thermometer, or a sensor of electrical conductivity of tissues.

29. (Cancelled)

30. (Cancelled)

31. (Previously presented) The device according to claim 23 comprising a detector that is capable of being optically changed in response to changes in environmental conditions.

32. (Previously presented) The device according to claim 23 further comprising a transmitter for transmitting data obtained by the in vivo imager.

33. (Original) The device according to claim 32 wherein the transmitter is a wireless transmitter.

34. (Original) The device according to claim 23 wherein the housing is configured for being sewn to an in vivo site.

35. (Original) The device according to claim 23 wherein the housing comprises at least one ring on the perimeter of the housing for threading a suture there through.

36. (Original) The device according to claim 23 wherein the housing comprises an indentation around the perimeter of the housing, said indentation configured for receiving a suture.

37. (Original) The device according to claim 23 wherein the housing comprises a niche configured for receiving means for anchoring the housing to a body tissue.

38. (Cancelled)

39. (Original) The device according to claim 23 wherein the housing comprises means for anchoring the housing to a body tissue.

40. (Previously presented) The device according to claim 39 wherein the means for anchoring the housing to a body tissue are selected from the group consisting of: pins, clasps, thread, fasteners and suction means.

41. (Withdrawn)

42. (Withdrawn)

43. (Withdrawn)

44. (Withdrawn)

45. (Withdrawn)

46. (Withdrawn)

47. (Currently amended) A method for monitoring an in vivo site, the method comprising the steps of:

immobilizing an imaging device in the vicinity of an in vivo site, the imaging device including at least a housing, a structure to immobilize the housing in-vivo, and an optical dome; and

sensing the in vivo site.

48. (Previously presented) The method according to claim 47 further comprising the step of transmitting sensed data.

49. (Cancelled)

50. (Previously presented) The method according to claim 55 wherein receiving the sensed data is done externally.

51. (Original) The method according to claim 47 wherein the in vivo site is in the GI tract.

52. (Cancelled)

53. (Previously presented) The system of claim 1 comprising a receiving system.

54. (Previously presented) The system of claim 19 comprising a receiving system.

55. (Previously presented) The method of claim 47 comprising receiving sensed data of the in vivo site.

56. (Currently amended) A method for monitoring an in vivo site, the method comprising the steps of:

immobilizing an imaging device in the vicinity of an in vivo site, the imaging device including at least a housing, a structure to immobilize the housing in-vivo, and an optical sphere; and

imaging the in vivo site.

57. (Previously presented) The method according to claim 56 further comprising transmitting image data.

58. (Previously presented) The method according to claim 56 wherein the in vivo site is in the GI tract.

59. (Cancelled).

60. (Previously presented) The method according to claim 56 wherein the immobilization is performed during or immediately after surgery.

61. (Cancelled)

62. (Cancelled)

63. (Currently amended) A method for post-surgical monitoring of an in vivo site, the method comprising the steps of:

during or immediately after a surgical procedure, immobilizing an imaging device in the vicinity of an in vivo site, the imaging device including

at least a housing, a structure to immobilize the housing in-vivo, and an optical dome; and

sensing the in vivo site.

64. (Previously presented) The method according to claim 63 further comprising transmitting sensed data.

65. (Previously presented) The method according to claim 63 wherein the in vivo site is in the GI tract.

66. (Cancelled)

67. (Previously presented) The system according to claim 1 further comprising an externally inducible power source.

68. (Previously presented) The device according to claim 23 further comprising an externally inducible power source.

69. (Cancelled)